

Angle Position Sensors



709-21995

Magnet carrier for use with Angle Position Sensors

Description

Magnet carrier to use with angle/position sensor suitable for a measuring range up to 360°. It is specially coordinated with the ZF Hall sensors but can also be used for other position sensors. The plastic carrier housing contains a rare earth magnet.

Features

- PA 6 GF30 housing
- Samarium Cobalt 28 magnet
- RoHS compliant

Environmental Specifications

Mechanical Shock	Provided according to DIN EN 60068-2-31:2009
Operation Temperature	-40 °C to 140 °C (-40 °F to 284 °F)
Immersion	Tested per ISO 16750-05:2010: Engine oil and additives, Transmission and hydraulic fluid, Brake fluids, Washer solvent, Gasoline, Diesel fuel, Alcohol, Antifreeze fluid, Battery fluid, Cleaning solvent, Protective lacquer, Silicone

Mechanical Specifications

Recommended Fastener	M3 Cap Screw
Recommended Torque	110 Ncm (9,74 in lbs)

Products

Part Number	Description	Sensing Range
709-21995	Magnet only	N/A
ANG	Angle sensor, non- or semi redundant	0 - 360°
AN1	Angle sensor, non-redundant	5 - 85°
AN8	Angle sensor, non-redundant	0 – 360°
AN9	Angle sensor, fully redundant	0 – 360°

Dimensions in mm

